JC17 Rac'd PODDA 16 JUN 2005

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

Claim 1 (currently amended): Vehicle comprising a chassis, a pair of front wheels each having an axis of rotation, and a suspension assembly for connecting said front wheels to said chassis, said suspension assembly being adapted to allow said front wheels to move transverse to their axes axis of rotation, but in opposite directions, in order to tilt said chassis, wherein characterized in that said suspension assembly comprises

a wheel orientation defining rod (6) being, on the one hand, coupled to at least a first of said front wheels; and a front wheel and, on the other hand,

means (22) for pivotably coupling said wheel orientation defining rod

(6) pivotably coupled to said chassis, said coupling means ensuring wherein a coupling of said wheel orientation defining rod to said chassis is positioned to ensure that a wheel orientation of said first front wheel defined by said wheel orientation defining rod (6) is essentially independent of said wheel movement of said first front wheel transverse to the wheel's axis of rotation

thereof.

Claim 2 (currently amended): Vehicle according to claim 1, wherein characterized in that said wheel orientation defining rod (6) is a steering rod (6).

Claim 3 (currently amended): Vehicle according to <u>claim 1</u>, <u>wherein</u> claim 1 or 2, characterized in that said suspension assembly <u>further</u> comprises a first pendulum arm (1) <u>coupling said first</u> for coupling a front wheel to said chassis.

Claim 4 (currently amended): Vehicle according to claim 3, wherein said first pendulum arm (1) is coupled to said chassis at a joint (12) and characterized in that said coupling means (22) of said wheel orientation defining rod (6) to said chassis is positioned approximately on a tilting pivot through said joint (22). a joint for coupling said first pendulum arm (1) to said chassis.

Claim 5 (currently amended): Vehicle according to claim 3, wherein characterized in that said suspension assembly comprises a second pendulum arm (23) coupling said first front wheel to said chassis, and said

Docket No. A5-1965 Amendment dated June 15, 2005

coupling means of said wheel orientation defining rod (6) to said chassis is positioned approximately on an axis defined by poles of a through employing the poles in the suspension mechanism rectangle or trapezoid defined by said suspension assembly.

Claim 6 (currently amended): Vehicle according to <u>claim 3</u>, <u>further comprising any of claims 3 to 5</u>, <u>characterized by</u> a cardan joint for coupling said <u>first</u> pendulum arm (1) to <u>at least one of</u> said chassis <u>and and/or to said first</u> front wheel.

Claim 7 (currently amended): Vehicle according to <u>claim 1, wherein</u> any preceding claim, characterized in that said suspension assembly comprises means for adjusting is adjustable with view to a force acting against said movement of said front wheels and thereby against said tilting of said chassis.

Claim 8 (currently amended): Vehicle according to claim 7, <u>further</u> comprising characterized by means for automatically adjusting said suspension assembly <u>in response to a forward speed of the vehicle.</u> , in response to the circumstances.

Claim 9 (currently amended): Vehicle according to <u>claim 7</u>, <u>further</u> <u>comprising claim 7 or 8</u>, <u>characterized by means for manually adjusting said suspension assembly.</u>

Claim 10 (currently amended): Vehicle according to claim 1, wherein any preceding claim, characterized in that said suspension assembly further comprises a pivotable balance beam being coupled to one of said front wheels. wheels on either side.

Claim 11 (currently amended): Vehicle according to <u>claim 10</u>, <u>wherein any preceding claim, characterized in that</u> said suspension assembly <u>further</u> comprises an adjusting element <u>being</u> pressed against a moving element <u>of said pivotable balance beam</u> with adjustable pressing force.

Claim 12 (currently amended): Vehicle according to claim 11, further comprising -characterized by- a motor for adjusting said pressing force.

Claim 13 (currently amended): Vehicle according to claim 1, further any preceding claim, comprising a pair of rear wheels and a second suspension assembly for connecting said rear wheels to said chassis, said second suspension assembly being adapted to allow said rear wheels to move

Docket No. A5-1965

Amendment dated June 15, 2005

transverse to their <u>axes</u> -axis of rotation, but in opposite directions, in order to tilt said chassis, <u>wherein said second</u> -characterized in that said suspension assembly comprises

a <u>second</u> wheel orientation defining rod (6) being, on the one hand, coupled to <u>at least a first of said rear wheels; and</u> a rear wheel and, on the other hand,

second means (22) for pivotably coupling said second wheel

orientation defining rod pivotably coupled to said chassis, said second

coupling means ensuring wherein a coupling of said wheel orientation

defining rod (6) to said chassis is positioned to ensure that a wheel orientation

of said first rear wheel defined by said second wheel orientation defining rod

(6) is essentially independent of said wheel movement of said first rear wheel transverse to the wheel's axis of rotation thereof.

Claim 14 (currently amended): Vehicle according to claim 13,

<u>wherein -characterized in that</u> said <u>second</u> wheel orientation defining rod (6) is a steering rod (6).

Claim 15 (currently amended): Vehicle according to claim 13

wherein or 14, characterized in that said second suspension assembly

comprises a first pendulum arm (1) for coupling said first rear a rear wheel to

said chassis.

Claim 16 (currently amended): Vehicle according to claim 15, wherein said first pendulum arm (1) is coupled to said chassis at a joint (12) and characterized in that said second coupling means of said second wheel orientation defining rod (6) to said chassis is positioned approximately on a tilting pivot through said joint. a joint for coupling said first pendulum arm (1) to said chassis.

Claim 17 (currently amended): Vehicle according to claim 15,

wherein -characterized in that said second suspension assembly comprises a second pendulum arm (23) coupling said first rear wheel to said chassis, and said second coupling means -of said wheel orientation defining rod (6) to said chassis - is positioned approximately on an axis defined by poles of a -through employing the poles in the suspension mechanism rectangle or trapezoid defined by said second suspension assembly.

Claim 18 (currently amended): Vehicle according to <u>claim 15</u>, <u>further comprising any of claims 15 to 17</u>, <u>characterized by</u> a cardan joint for coupling said <u>first</u> pendulum arm (1) to <u>at least one of said chassis and said first and/or to said rear wheel.</u>

Claim 19 (currently amended): Vehicle according to <u>claim 13</u>, <u>wherein any of claims 13 to 18</u>, <u>characterized in that</u> said <u>second</u> suspension assembly <u>comprises means for adjusting</u> is adjustable with view to a force acting against said movement of said rear wheels and thereby against said tilting of said chassis.

Claim 20 (currently amended): Vehicle according to claim 19, further comprising characterized by means for automatically adjusting said second suspension assembly in response to a forward speed of the vehicle. —, in response to the circumstances.

Claim 21 (currently amended): Vehicle according to claim 19 <u>further</u> <u>comprising</u> or 20, characterized by means for manually adjusting said suspension assembly.

Claim 22 (currently amended): Vehicle according to <u>claim 13</u>, <u>wherein any of claims 13 to 21</u>, <u>characterized in that</u> said <u>second</u> suspension assembly <u>further</u> comprises a pivotable balance beam <u>being</u> coupled to <u>one</u> of said rear wheels. <u>wheels on either side</u>.

Claim 23 (currently amended): Vehicle according to <u>claim 22</u>, <u>wherein any of claims 13 to 22</u>, <u>characterized in that</u> said <u>second</u> suspension assembly comprises an adjusting element <u>being</u> pressed against a moving element <u>of said pivotable balance beam</u> with adjustable pressing force.

Claim 24 (currently amended): Vehicle according to claim 23, further comprising characterized by a motor for adjusting said pressing force.

Claim 25 (currently amended): Vehicle according to claim 1,
wherein said front wheels have Vehicle, particularly according to any
preceding claim, characterized by 2 front wheels with variable track widths.

Claim 26 (currently amended): Vehicle according to claim 25,

wherein characterized in that said front wheels are coupled to said chassis

with a chassis by means of pendulum arms (1) mounted to said chassis so

as to be pivotable about axes traverse to the front wheels axes of rotation of said front wheels.

Claim 27 (currently amended): Vehicle according to claim 26,

<u>wherein characterized by cardan joints for coupling</u> said pendulum arms (1)

<u>are coupled</u> to said chassis <u>by cardan joints</u>.

Claim 28 (currently amended): Vehicle according to claim 26

wherein each of said pendulum arms (1) has or 27, characterized in that a

pivoting axis that is vertical of a pendulum arm (1) is vertical, when the

vehicle is standing on horizontal ground.

Claim 29 (currently amended): Vehicle according to claim 26

wherein each of said pendulum arms (1) has or 27, characterized in that a

pivoting axis that of a pendulum arm (1) is inclined with respect to a vertical

direction direction, when the vehicle is standing on horizontal ground.

Claim 30 (currently amended): Vehicle according to claim 26
wherein, when said front wheels are at a minimum of said variable track
widths, any of claims 26 to 29, characterized in that the pivoting axes of said
pendulum arms (1) are - in the forward direction of the vehicle - within an area
the area defined by the outer and inner planes defined by the outer and
inner sides of said front wheels and said wheel transverse to the axes of
rotation of said front wheels. wheel's rotation axis, in the case of the smallest
track widths.

Claim 31 (currently amended): <u>Vehicle according to claim 1, further</u> comprising rear wheels having Vehicle, particularly according to any

preceding claim, characterized by 2 rear wheels with variable track widths.

Claim 32 (currently amended): Vehicle according to claim 31, wherein each of characterized in that said rear wheels has an axis of rotation and said rear wheels are coupled to said chassis with a chassis by means of pendulum arms (1) mounted to said that chassis so as to be pivotable about axes traverse to the rear wheels axes of rotation of said rear wheels.

Claim 33 (currently amended): Vehicle according to claim 32,

<u>wherein characterized by cardan joints for coupling</u> said pendulum arms (1)

<u>are coupled</u> to said chassis <u>by cardan joints</u>.

Claim 34 (currently amended): Vehicle according to claim 32 wherein each of said pendulum arms (1) has or 33, characterized in that a pivoting axis that is vertical of a pendulum arm (1) is vertical, when the vehicle is standing on horizontal ground.

Claim 35 (currently amended): Vehicle according to claim 32

wherein each of said pendulum arms (1) has or 33, characterized in that a

pivoting axis that of said pendulum arms (1) is inclined with respect to a

vertical direction direction, when the vehicle is standing on horizontal ground.

Claim 36 (currently amended): Vehicle according to <u>claim 32</u>, <u>wherein, when said rear wheels are at a minimum of said variable track</u> <u>widths, any of claims 32 to 35</u>, <u>characterized in that</u> the pivoting axes of said pendulum arms (1) are - in the forward direction of the vehicle - within <u>an area</u> the area defined by the outer and inner planes defined by the outer and inner sides of <u>said front wheels and</u> the wheel transverse to the <u>axes of rotation of said front wheels</u>. wheel's rotation axis, in the case of the smallest track widths.